

Dated: 4/26/04

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## INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

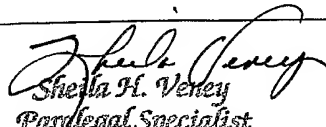
Applicant's or agent's file reference IGTECH.0054P	<b>FOR FURTHER ACTION</b> See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416)	
International application No. PCT/US02/18865	International filing date (day/month/year) 12 June 2002 (11.06.2002)	Priority date (day/month/year) 12 June 2001 (12.06.2001)
International Patent Classification (IPC) or national classification and IPC IPC(7): G06F 5/00 and US Cl.: 463/29		
Applicant IGT		

- This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36.
- This REPORT consists of a total of 3 sheets, including this cover sheet.  
  
☐ This report is also accompanied by ANNEXES, i.e., sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).

These annexes consist of a total of     sheets.

- This report contains indications relating to the following items:

- I ☒ Basis of the report
- II ☐ Priority
- III ☐ Non-establishment of report with regard to novelty, inventive step and industrial applicability
- IV ☐ Lack of unity of invention
- V ☒ Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- VI ☐ Certain documents cited
- VII ☐ Certain defects in the international application
- VIII ☐ Certain observations on the international application

Date of submission of the demand 06 January 2003 (06.01.2003)	Date of completion of this report 26 April 2004 (26.04.2004)
Name and mailing address of the IPEA/US Mail Stop PCT, Attn: IPEA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Facsimile No. (703) 305-3230	Authorized officer <i>ff</i> Tom Hughes Telephone No. (703) 308-1148   Sheila H. Veney Paralegal Specialist Tech. Center 3700

## INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.

PCT/US02/18865

**I. Basis of the report****1. With regard to the elements of the international application:\***

the international application as originally filed.



the description:

pages 1-14 as originally filedpages NONE, filed with the demandpages NONE, filed with the letter of \_\_\_\_\_.

the claims:

pages 15-17, as originally filedpages NONE, as amended (together with any statement) under Article 19pages NONE, filed with the demandpages NONE, filed with the letter of \_\_\_\_\_.

the drawings:

pages 1-3, as originally filedpages NONE, filed with the demandpages NONE, filed with the letter of \_\_\_\_\_.

the sequence listing part of the description:

pages NONE, as originally filedpages NONE, filed with the demandpages NONE, filed with the letter of \_\_\_\_\_.**2. With regard to the language, all the elements marked above were available or furnished to this Authority in the language in which the international application was filed, unless otherwise indicated under this item.**

These elements were available or furnished to this Authority in the following language \_\_\_\_\_ which is:



the language of a translation furnished for the purposes of international search (under Rule 23.1(b)).



the language of publication of the international application (under Rule 48.3(b)).



the language of the translation furnished for the purposes of international preliminary examination (under Rules 55.2 and/or 55.3).

**3. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international preliminary examination was carried out on the basis of the sequence listing:**

contained in the international application in printed form.



filed together with the international application in computer readable form.



furnished subsequently to this Authority in written form.



furnished subsequently to this Authority in computer readable form.



The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.



The statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.

**4. ☒ The amendments have resulted in the cancellation of:**the description, pages NONEthe claims, Nos. NONEthe drawings, sheets/fig NONE**5. ☐ This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).\*\***

\* Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report since they do not contain amendments (Rules 70.16 and 70.17).

\*\* Any replacement sheet containing such amendments must be referred to under item 1 and annexed to this report.

# INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.  
PCT/US02/18865

## V. Reasoned statement under Rule 66.2(a)(ii) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

### 1. STATEMENT

Novelty (N)	Claims <u>3, 9, 14 &amp; 15</u>	YES
	Claims <u>1, 2, 4-8 &amp; 10-13</u>	NO
Inventive Step (IS)	Claims <u>NONE</u>	YES
	Claims <u>1-15</u>	NO
Industrial Applicability (IA)	Claims <u>1-15</u>	YES
	Claims <u>NONE</u>	NO

### 2. CITATIONS AND EXPLANATIONS

Claims 1, 2, 4-8 & 10-13 lack novelty under PCT Article 33(2) as being anticipated by Alcorn et al. (US Patent Number 5,643,086).

Alcorn teaches a method of providing control code for operating a casino gaming device that includes encrypting the data in a symmetrical encryption process with a first key (Col 10, 27-30) and providing the encryption data to the gaming device. Alcorn teaches initiating operation of the gaming device, locating a decrypting device and decrypting the encrypted data with the decryption device using the first key and storing the decrypted data. (Figs 4 & 5, Col 2, 44-63)

Claims 3, 9, 14 & 15 lack an inventive step under PCT Article 33(3) as being obvious over Alcorn et al.

Claims 3 & 15: Alcorn teaches the invention substantially as claimed, including encryption of the game data prior to the installation in the game machine. (Col 2, 40-41) Alcorn fails to explicitly teach transmitting the encrypted game data to the gaming machine. It would have been obvious to one of ordinary skill in the art at the time of the invention to include the transmission of the encrypted code to the gaming machine so that the machine could be easily programmed with new game updates.

Claim 9: Alcorn teaches the invention substantially as claimed. Alcorn teaches the use of a key to decrypt the data (Figs 3 & 5), but fails to teach the separate storage of the decryption device (program) and the key which requires transmission of the key to the decryption device. This is basic key security. It would have been obvious to one of ordinary skill in the art at the time of the invention to have the separate storage of the decryption device (program) and the key which requires transmission of the key to the decryption device in order to provide even a basic level of security.

Claim 14: Alcorn teaches the use of program memory with read/write access. This is, by definition, RAM.

----- NEW CITATIONS -----